

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1. (Original): A distributor plate adapted to be releasably mounted on a horizontal lower disc of a rotor of a vertical shaft impact crusher, said rotor having an opening for the intake of material to be crushed and at least one outflow opening for material leaving the rotor, wherein a shape of the distributor plate is an equilateral polygon as seen from above.
2. (Original): A distributor plate according to claim 1, wherein the shape of the distributor plate is selected from the group consisting of triangular, square, hexagonal, octagonal and nonagonal shapes.
3. (Original): A distributor plate according to claim 1, wherein the number of sides of the polygon being chosen is selected such that the number of sides is 1, 2 or 3 times the number of outflow openings of the rotor to which the distributor plate is to be mounted.
4. (Original): A distributor plate according to claim 3, wherein the number of sides is 2 times the number of outflow openings of the rotor.

5. (Original): A distributor plate according to claim 1, wherein at least one straight side edge of the distributor plate is adapted to be parallel to an outflow direction of material leaving the rotor and to be parallel and adjacent to a face of a lower wear plate protecting the lower disc from wear.

6. (Original): A distributor plate according to claim 1, wherein the distributor plate at the centre of its lower face has a recess adapted to make the distributor plate horizontally turnable around a vertical shaft mounted on the lower disc, such that the position of the distributor plate in relation to the lower disc may be adjusted before mounting the distributor plate.

7. (Original): A distributor plate according to claim 6, wherein the recess extends only through a part of the thickness of the distributor plate, the upper face of the distributor plate thus being unaffected by said recess.

8. (Original): A distributor plate according to claim 6, wherein the distributor plate has a lower surface which is adapted to be located at a higher level than the upper surface of lower wear plates protecting the lower disc of the rotor, such that the distributor plate may be adjusted without removing the lower wear plates.

9. (Original): A distributor plate according to claim 1, wherein the upper face of the distributor plate comprises an unbroken layer of a hard metal.

10. (Original): A distributor plate according to claim 1, wherein the distributor plate comprises mounting means located at a vertical side edge of the distributor plate and adapted for the mounting of a vertical support fixing the distributor plate to the lower disc of the rotor

11. (Withdrawn): A rotor for a vertical shaft impact crusher, the rotor having an opening for the intake of material to be crushed, at least one outflow opening for material leaving the rotor, and at least one lower wear plate and a distributor plate releasably mounted on a horizontal lower disc of the rotor, wherein the distributor plate is has a shape defined by an equilateral polygon as seen from above, at least one straight side edge of the distributor plate being parallel to an outflow direction of material leaving the rotor and being parallel to and adjacent to a face of the lower wear plate.

12. (Original): A distributor plate according to claim 9, wherein the upper face of the distributor plate comprises an unbroken layer of tungsten carbide.